**Multiple groups** – [*multiplication*](http://mathjourneys.org/problem-bank/)*& division* ***FRACTION word problems*** *that involve a whole number of groups, with a fractional amount in each group. You can use these problems to strengthen children’s understanding of fractions and provide an introduction to computation with fractions. The numbers in parentheses in the first couple of problems are possible easier and harder numbers to be inserted for level one, level two, or level three problems*

* Each small cake takes 3/4 of a cup of frosting. If Betty wants to make 24 small cakes, how much frosting will she need? (1/2 cup and 12 small cakes; ¼ cup and 24 cupcakes)
* Each small cake takes 2/3 of a cup of frosting. If Tonia made eight cups of frosting, how many small cakes can she frost? (different problem type – measurement division – 1/3 cup and 2 cups of frosting and ¾ cup and 6 ½ cups
* The zookeeper has four cups of frog [food](http://mathjourneys.org/problem-bank/). His frogs eat 1/3 cup of food each day. How long can he feed the frogs before the food runs out?
* Nina has 10 1/2 yards of fabric to make pillows. If each pillow takes 3/8 of a yard of material, how many pillows can Nina make before she runs out of fabric?
* Each little cake takes 3/4 of a cup of frosting. If Lillian wants to make 20 little cakes for a party, how much frosting will she need?
* It takes 2/3 of a yard of material to make a pillow. How many yards of material would it take to make 15 pillows?
* Mr. Scott has 12 cups of frog food. His frogs eat 1 1/2 cups of food each day. How long can he feed the frogs before the food runs out?
* John has 12 peanut butter and jelly sandwiches. How many children could John feed with these sandwiches if he gives 3/4 sandwich to each child?
* It takes 3/8 cup of sugar to make a loaf of bread. How much sugar would you need to make 16 loaves of bread?
* Megan has 16 half dollars. How many whole dollars does she have?
* It takes 3/5 yard of ribbon to make a bow. How many bows could you make with 7 1/2 yards of ribbon?
* Eve’s gecko eats 2/7 jar of baby food a day. She has 10 jars of baby food. How many days can she feed her gecko with this food?
* Kennedy has 20 pounds of M&Ms to make party favors. It takes 5/8 pound of M&Ms to fill one bag. How many bags of M&Ms can Kennedy fill with her M&Ms?